

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

Recd
JUL 27 2003
gww

To: GEORGE W. WASSON
3123 INDIAN WAY
LAFAYETTE CALIFORNIA 94549

PCT

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

Date of Mailing (day/month/year) 28 JUL 2003	
Applicant's or agent's file reference SCB-03-1-PCT	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/US03/01746	International filing date (day/month/year) 21 JANUARY 2003
Applicant BENESI, STEVE C.	

1. ☒ The applicant is hereby notified that the international search report has been established and is transmitted herewith.
- Filing of amendments and statement under Article 19:**
The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):
- When?** The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.
- Where?** Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 740.14.35
- Response due SEPT 28, 2003*
- For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.
3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:
- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
- ☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. Reminders

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

Best Available Copy

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Authorized officer
ROBERT JAMES POPOVICS

Telephone No. (703) 308-0661

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

To:

WASSON, George, W.
3123 Indian Way

Lafayette, CA 94549
ETATS-UNIS D'AMERIQUE

Recd
NOV 18 1989
Shw

Best Available Copy

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
31 July 2003 (31.07.2003)

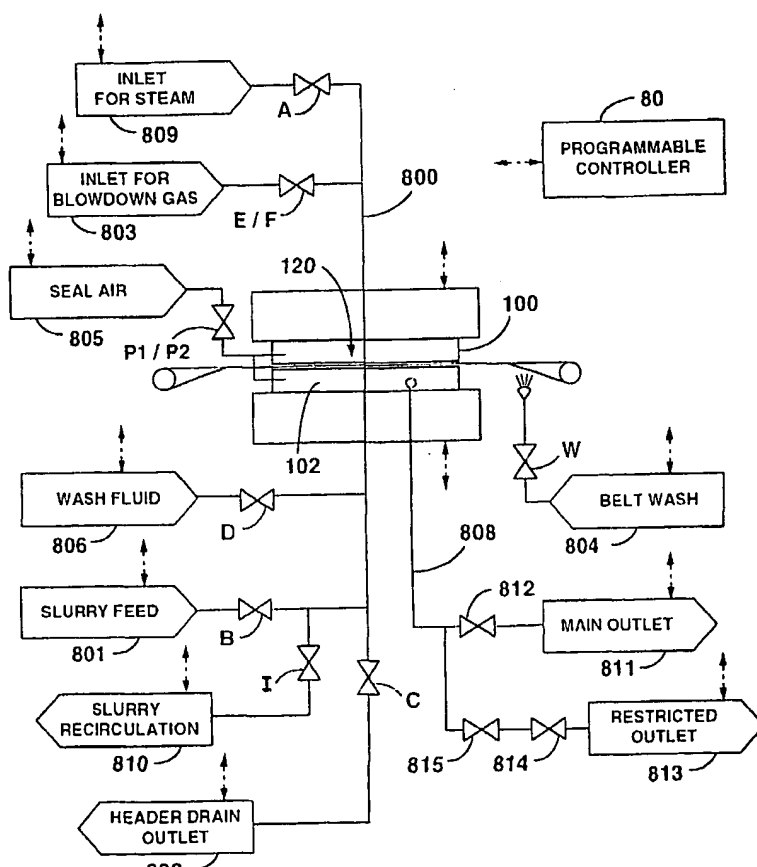
PCT

(10) International Publication Number
WO 03/061801 A3

- (51) International Patent Classification⁷: **B01D 37/04** (74) Agent: **WASSON, George, W.**, 3123 Indian Way, Lafayette, CA 94549 (US).
- (21) International Application Number: PCT/US03/01746
- (22) International Filing Date: 21 January 2003 (21.01.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/350,605 22 January 2002 (22.01.2002) US
- (71) Applicant (for all designated States except US): **BENESI, Steve, C.** [US/US]; 611 McClay Road, Novato, CA 94947 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **COSTELLOE, Patrick, J.** [US/US]; 2742 Oak Road, Apt. 212, Walnut Creek, CA 94596 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: HOT-GAS PRESSURE-FILTER APPARATUS



(57) Abstract: A filter chamber (120) is defined by inlet plate (100) and outlet plate (102), with filter medium (104) disposed therebetween. Sources of several fluids and gases are associated with the filter chamber (120) with output controlled by valves (A-G, 812, 814 and 815) and a programmable controller (80).

Best Available Copy

WO 03/061801 A3



Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

(88) Date of publication of the international search report:

30 October 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Best Available Copy

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US03/01746

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :BO1D 37/04

US CL :Please See Extra Sheet.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : Please See Extra Sheet.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---- Y	US 5,527,458 A (GEHRMANN et al.) 18 June 1996, see entire document.	1-5,14,20-21 ----- 16,18

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier document published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

16 JULY 2003

Date of mailing of the international search report

28 JUL 2003

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT

Authorized officer

ROBERT JAMES POPOVICS

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/01746

A. CLASSIFICATION OF SUBJECT MATTER:

US CL :

210/739, 740, 741, 770, 771, 772, 783, 797, 143, 350, 351, 400, 405, 416.1, 456; 34/329, 338, 343, 402, 404, 405, 413, 417, 443, 444

B. FIELDS SEARCHED

Minimum documentation searched

Classification System: U.S.

210/739, 740, 741, 770, 771, 772, 783, 797, 143, 350, 351, 400, 405, 416.1, 456; 34/329, 338, 343, 402, 404, 405, 413, 417, 443, 444

Best Available Copy